

group to which our common Starling belongs contains the following species:—

St. vulgaris, L.; *St. indicus*, Hodgs. (Nepaul); *St. humei*, Brooks (= *nitens*, Hume, = *ambiguus*, Hume); *St. purpurascens*, Gould; and *St. poltaratskyi*, mihi (= *humei*, Gould).

All these species are well marked, and distinguishable even in winter plumage and in the young state, as I intend to show in a more extended description of them.

10. On new Species of Coleopterous Insects (Geodephaga and Longicornia) taken by Dr. Stoliczka during the Forsyth Expedition to Kashgar in 1873-74. By H. W. BATES, F.Z.S.

[Received June 17, 1878.]

The following are preliminary diagnoses of new genera and species of Coleoptera, of the groups above mentioned, taken during the mission of Sir T. Douglas Forsyth to the Amir of Kashgar in 1873-4. Complete descriptions will hereafter appear in the general work on the results of the expedition, now in course of publication at Calcutta.

GEODEPHAGA.

CICINDELA STOLICZKANA.

C. burmeisteri (Fischer) *affinis, sed minor*. *Nigra; corpore subtus, pedibus antennarumque basi chalybeo-violaceis; elytris lunula humerali et apicali fasciaque mediana, lata, abbreviata, recta flavo-albis; thorace brevi, lateribus fere rectis, supra subtilissime granulatum strigoso; elytris minute, haud confertim granulatis; palpis nigris, albo-setosis; labro albo, convexo, antice medio rotundato producto, unidentato; corpore subtus pedibusque sparsim albo-pilosis.*

Long 6-7½ lin.

North of the Kuen-lun. Exact locality not given.

CARABUS STOLICZKANUS.

C. caschmirensi (Kollar) *affinis*. *Maxime elongatus et angustus, niger subnitidus; thorace late subcordato-quadrato, angulis posticis retrorsum productis, acutis; elytris angustis, post medium perparum rotundato-dilatatis, dorso tuberculorum triplici serie, inter se carina unica separatis; menti dente verticaliter exstante, valde compresso.*

Long. 14-15 lin.

Murree.

DICHIROTRICHUS ALTICOLA.

Oblongus, supra testaceo-fulvus, capite (maculis rufis exceptis),

thoracis macula discoidali alteraque elytrorum postico-discoidali nigro-æneis; palpis apice acuminatis; capite et thorace grosse subsparsum punctatis, hoc postice angustato, angulis posticis oblique rotundatis, margine postice arcuato; elytris striatis, interstitiis medio leviter culminatis, biserialim punctatis; corpore subtus nigro; antennis fuscescentibus. ♂. Tarsi duo antici articulis 1^o-3^{um} ovatis, 4^o bilobo.

Long $2\frac{1}{3}$ lin.

Pamir, between Sirikol and Panga.

HARPALUS CÆRULEATUS.

Elongato-oblongus, glaber; thorace transversim quadrato, postice distincte angustato, lateribus arcuatis, angulis posticis rotundatis, basi utrinque late subcrebre punctato, margine basali bisinuato; elytris apice fortiter sinuatis, supra striatis, interstitiis planis, impunctatis, tertio unipunctato.

♂ *supra capite thoraceque nigris, politis; elytris cæruleis, subviolaceis, nitidis; antennis nigris, articulo basali rufo; corpore subtus nigro, pectore medio pedibusque rufopiceis; abdomine minus nitido. Immaturus toto corpore castaneo-rufo, elytris violaceis.*

♀ *nigro-vel rufo-castanea, raro obscure nigra; elytris opacis, interdum violaceo tinctis, apice fortius (sicut in H. æneo ♀) sinuatis.*

Long. $5\frac{1}{2}$ -6 lin.

Yangi Hissar.

HARPALUS MELANEUS.

H. calceato (Dufts.) forma coloreque similis, at thorace fere impunctato, angulisque posticis obtusis. Oblongus, modice elongatus, niger nitidus, elytris ♀ opacis; antennis et palpis nigris, articulis omnibus apice piceo-rufis; thorace transversim quadrato, postice leviter angustato, angulis posticis obtusis, lateribus antice modice arcuatis, basi utrinque vage vix punctato, fovea lineari impresso; elytris apice paullulum sinuatis, supra convexis, simpliciter striatis, interstitiis modice convexis, tertio unipunctato.

Long. 6 lin.

Sind valley; Murree; near Leh.

HARPALUS TURCULUS.

Oblongus, niger, ♂ nitidus, ♀ sericinitens; antennis articulo primo rufo, palpis apice flavis; capite modice angusto, levi; thorace quadrato, antice prope angulos rotundato-angustato, postice lateribus exacte parallelis, elytris multo angustiore, angulis posticis rectis, supra impunctato; elytris utroque sexu apice fortiter subrecte sinuatis, supra subtiliter striatis, interstitiis planis, tertio unipunctato; metasterno grosse sparsim punctato.

Long. 4 lin.

No locality. Probably near Yarkand.

HARPALUS INDICOLA.

Elongato-oblongus, angustior, nigerrimus, ♂ magis, ♀ minus niti-

da, palpis et antennis fulvis; thorace quadrato, lateribus leniter arcuatis, postice longe angustato, angulis posticis obtusis, basi tota subsparsum punctata et paulo rugosa, fovea utrinque obliqua; elytris convexis, apice modice sinuatis, supra striatis (♂ fortius), interstitiis vix convexis, tertio puncto conspicue impresso; sternis et ventre lateribus grosse haud profunde punctatis.

Long. 5 lin.

Murree.

HARPALUS MASOREOIDES.

Parvus, niger subsericeus, laevis, partibus oris antennisque flavo-testaceis, pedibus magis rufescentibus; thorace transverso, elytris vix angustiore, antice gradatim paullulum angustato, angulis posticis rotundatis, laevi, foveola basali utrinque oblonga, marginibus rufescentibus; elytris oblongis, apice late obtusis, leviter sinuatis, supra striatis, striis minutissime punctulatis, interstitiis vix convexis, marginibus reflexis et epipleuris piceo-rufis.

Long. $2\frac{1}{2}$ lin.

Pamir, between Sirikol and Panga.

HARPALUS LIODES.

Ovatus, latus, modice convexus, niger, ♂ sericinitens, ♀ sericiopacis, antennis palpisque piceo-rufis, illis nigro maculatis, tarsis piceo-rufis; capite lato, laevigato, oculis minus prominulis; thorace valde transverso, antice angustato, postice multo latiore, angulis posticis rectis, fere impunctato; elytris ovatis, apice paullulum sinuatis, supra subtiliter striatis, interstitiis planis, tertio minute unipunctato.

Long. $5-5\frac{1}{2}$ lin.

No locality. Probably near Yarkand.

HYPOLITHUS PERLUCENS.

Piceo-niger, laete iridescens, glaber, antennis, palpis et pedibus fulvo-testaceis; capite laevissimo, post oculos angustato, fovea frontali lineari versus oculum curvata; thorace quadrato, lateribus leniter fere æqualiter arcuatis, angulis posticis valde obtusis, margine postico late sinuato, supra limbo toto crebre subtiliter punctulato, polito, marginibus rufescentibus; elytris fortiter striatis, interstitiis paullulum convexis, politissimis, tertio (prope striam secundam) multipunctato.

Long. $4\frac{1}{2}$ lin. ♀.

Jhelam valley.

HYPSINEPHUS, nov. gen.

A genere Selenophoro differt pedibus elongatis, validis, tarsisque ♂ articulis dilatatis cordatis, primo basi gracili, apice subito dilatato, 4^{to} breviter bilobo. Mentum edentatum; elytra interstitiis alternis pluripunctatis.

HYPISINEPHUS ELLIPTICUS.

Piceo-niger vel castaneus; partibus oris, antennis pedibusque fulvo-testaceis; thorace quadrato, elytris angustiore, lateribus postice explanatis, angulis posticis obtusis, supra impunctato; elytris elongato-ovatis, striatis, interstitio tertio punctis quinque parvis, quinto versus basin duobus, septimo versus apicem pluribus impressis.

Long. 6 lin.

Pangong valley.

AMARA BAMIDUNYÆ.

A. triviali (Dufts.) *affinis*. *Ovata, subtus viridi-cænea, supra cænea, antennis articulis 2 basalibus rufis; pedibus nigro-vel cæneo-piceis; thorace quam in A. triviali brevior, basi impunctato; elytris striis subtilibus, apice haud profundius impressis, distincte punctulatis, interstitiis planis.*

Long. $3\frac{1}{2}$ -4 lin.

Pamir, between Sirikol and Panga.

AMARA AMBIGENA.

Breviter ovata, nigro-cænea polita, ventris apice rufo, palpis, antennis basi, pedibus elytrorumque epipleuris rufis; elytris interdum castaneis; thorace brevi, antice gradatim rotundato-angustato, apud basin elytris paulo angustiore, margine basali flexuoso, angulis posticis subacutis, foveolis basi utrinque duabus latis, sparsim grosse punctatis; elytris brevibus, punctulato-striatis, interstitiis planis; menti dente elongato triangulari, apice anguste fisso.

Long. $3\frac{1}{2}$ lin.

Between Tanktze and Chagra, Pangong valley.

LEIOCNEMIS HIMALAICA.

Elongato-ovata, rufo-picea, supra cæneo tineta; partibus oris, antennis pedibusque flavo-testaceis; thorace brevi, transverso, lateribus fere equaliter arcuatis, antice paulo magis quam postice angustato, angulis posticis obtusis, lateribus paullulum explanatis, foveolis basalibus grosse sparsim punctatis, inferiore rotundata, exteriori vage impressa, carinaque obsoletissima; elytris acute et simpliciter striatis, interstitiis planis.

♂. *Tibice intermediæ subtus medio sinuatæ, deinde paullo dilatatæ et denticulatæ.*

Long. $3\frac{1}{2}$ lin.

Ladakh.

LEIOCNEMIS TARTARIÆ.

Oblongo-ovata, modice convexa, nigra, polita, supra cænescens; partibus oris, antennis pedibusque picco-rufis; thorace valde transverso, lateribus fortiter arcuatis, antice et postice fere equaliter angustato, angulis posticis distinctis sed obtusis, basi utrinque foveis duabus modice impressis, fortiter punctatis; elytris punctulato-striatis, interstitiis planis; prosterno apice late rotun-

dato, marginato; meso- et metasternis punctatis; menti dente lato, magno, bifido.

Long. $3\frac{1}{2}$ lin.

Between Yangi Hissar and Sirikol.

LEIOCNEMIS FRIVOLA.

Parva, oblonga, subtus rufo-castanea, supra nigro-cenea vel cenea, elytris interdum castaneis cæneo tinctis; partibus oris, antennis pedibusque rufo testaceis; thorace transversim quadrato, lateribus leniter arcuatis, postice minus quam antice angustato, mox ante basin paullulum sinuato, angulis posticis fere rectis, foveis basalibus grosse punctatis; elytris punctulato-striatis; menti dente bifido, plano.

Long. $2\frac{1}{2}$ lin.

No locality. Probably near Yarkand or eastern slopes of Pamir.

AMATHITIS BADIOLA.

A. rufescenti (Dej.) proxime affinis, at angustior corporeque infra nigro. Subtus nigra, supra capite thoraceque rufo-castaneis (illo obscuriore); elytris subfusco-badiis, interdum cæneo-nitidis, striis obscurioribus; oculis multo minus quam in A. rufescente prominulis; thoracis angulis posticis vix reclangulis (sed apice acutis), basi tota discrete punctata, carina vix elevata; elytris punctulato-striatis, interstitiis planis; menti dente prominulo, triangulari.

Long 4 lin.

North of Kuen-Lun. One example ticketed "Sanju."

AMATHITIS KUENLUNENSIS.

Valde elongatus, pallide ferrugineus, antennis pedibusque gracilibus, illarum articulo 3^o ceteris multo longiore; thorace elytris multo angustiore, late cordato, lateribus antice fortiter arcuatis, postice sinuatim angustato, angulis posticis acutis, supra impunctato, foveis basalibus latis, vagis, carinaque prope angulum indistincte elevata; elytris elongato-ovatis, apice paulo sinuatis, striis lævibus, modice impressis.

Long. 5 lin. ♀.

Sanju.

BRADYTUS COMPACTUS.

Breviter oblongo-ovatus, latus, subcæneo-niger, convexus; capite brevi et crasso, oculis parum convexis, epistomatis margine antico transversim sulcato; thorace elytris haud angustiore, postice modice angustato, angulis posticis acutis, foveolis basalibus parvis, punctatis, carinaque obsoleta; elytris simpliciter striatis, interstitiis planis; palpis, antennis pedibusque rufo-piceis; menti dente magno, apice ineonspicue emarginato.

Long. 4 lin.

Murree.

CURTONOTUS PAMIRENSIS.

Elongato-oblongus, angustus, rufo-castaneus, supra olivaceo-cæneus,

thoracis elytrorumque marginibus reflexis rufescentibus; capite lævi, mox pone oculos angustato; thorace transversim quadrato, ante basin subfortiter constricto, ibique lateribus parallelis et margine laterali haud interrupto, angulis posticis rectis, basi grosse subsparsim punctato, foveis utrinque linearibus; elytris striatis, striis (versus apicem exceptis) punctatis.

♂ tibiis intermediis post medium angustatis et subtus acute breviter bidentatis.

Long. $4\frac{1}{2}$ –5 lin.

Pamir, between Sirikol and Panga.

BEMBIDIUM (PERYPHUS) PAMIRENSE.

Oblongum, depressum, capite thoraceque viridi-vel aurato-cæneis, politis; elytris fulvo-testaceis, vitta suturali (ante apicem abbreviata) fasciæque pone medium, interdum quoque margine et apice cæneo-fuscis; antennis, palpis pedibusque flavo-testaceis; thorace breviter cordato, antice fortiter rotundato, basi rugato, angulis posticis rectis, fovea utrinque profunda carinulaque obliqua; elytris striato-punctatis, interstitiis planis.

Long. $2\frac{1}{4}$ lin.

Pamir, between Sirikol and Panga.

BEMBIDIUM (PERYPHUS) PUNCTULIPENNE.

Subdepressum, cæneo-nigrum, politum, mandibulis piceo-rufis; thorace antice leniter rotundato, postice usque ad angulos angustato, his fortiter reflexis, obtusis, margine basali utrinque prope angulum valde obliquo, supra basi et margine rugulosis, fovea oblonga; elytris punctato-striatis, striis 1^o–4^{um} solum impressis, 6^a et 7^a obsoletis, interstitiis planis, minutissime sparsim punctatis.

Long. vix 2 lin.

No locality. Pamir or near Yarkand?

MOLOPS PILIFERUS.

Niger, nitidus; thorace late cordato, post medium subsinuatum angustato, angulis posticis rectis, antice juxta marginem lateralem punctis decem longe piliferis lineatim dispositis; elytris elongato-ovatis, convexis, prope apicem fortiter sinuatis, supra exarato-striatis, striis 7^a et 8^a valde approximatis, 7^{ma} continuo punctatis, punctis longe piliferis, interstitiis dorsalibus planis, 3^o et 5^o apice pilifero-punctatis.

Long. 6–7 lin.

Murree.

ANCHOMENUS LADAKENSIS.

A. parumpunctato (Linn.) proxime affinis, sed gracilior, thorace longiore, etc. Supra subfusco-cupreus, capite thoraceque magis cæneis, interdum toto viridi-cæneus; femoribus nigro-piceis, tibiis tarsisque rufopiceis; antennis piceo-fuscis, articulo basali rufo; thorace subquadrato, lateribus leniter arcuatis, angulis posticis rotundatis, ibique margine explanato-reflexo, toto limbo alutaceo;

elytris elongatis, parallelis, acute striatis, interstitiis planis, tertio 5-punctato.

Long. $3\frac{1}{2}$ lin.

Between Tangtze and Chagra, Pangong valley; also Pamir, between Sirikol and Panga.

ANCHOMENUS POLITISSIMUS.

A. fuliginoso (Panz.) forma subsimilis, nigro-cæneus, politissimus, capite breviter ovato, oculis vix prominulis; palpis art. ult. acuminatis; thorace postice angustato, angulis posticis oblique rotundatis, margine prope angulum valde reflexo; elytris versus apicem valde sinuatis, supra obsolete striatis, disco utrinque haud conspicue bipunctato; pedibus cæneis, tibiis rufo-testaceis.

Long. $2\frac{1}{2}$ lin.

Murree.

COLPODES OVALICEPS.

Minus elongatus, nigro-chalybeus, nitidus; elytris ampliatis, ovatis; capite parvo, ovato, oculis haud prominulis; menti dente apice sulcato-emarginato; thorace ovato, quam caput dimidio latiore, margine laterali aequaliter explanato, subreflexo, angulis posticis subrotundatis; elytris convexis, late ovatis, apice vix sinuatis, humeris rotundatis striatis, interstitiis planis, tertio tripunctato; metasterni episternis brevibus; antennis, palpis pedibusque rufo-piceis, femoribus nigris.

Long. 5 lin.

Murree.

METABLETUS TARTARUS.

M. truncatello (Linn.) paullo major, magis elongatus, subcæneo-niger, nitidus, antennis et pedibus fusco-piceis; thorace quam in M. truncatello magis angustato, angulis posticis obtusioribus, deinde usque ad basin magis obliquis; elytris elongatis, apice obtuse subsinuatum truncatis, obsolete striatis, impunctatis.

Long. $1\frac{3}{4}$ lin.

Between Yangi Hissar and Sirikol.

CYMINDIS GLABRELLA.

C. andreae (Ménétr.) affinis, at gracilior, oculis minus prominulis, elytrisque fusco-castaneis flavo marginatis. Gracilis, glaberrima, castaneo-rufa, abdomine margine picescente, capite obscuriore, partibus oris, antennis, pedibus elytrorumque margine fulvotestaceis; capite angusto, sparsim punctulato; thorace quam caput haud latiore, anguste cordato, lateribus postice leviter sinuatis, angulis posticis fere rotundatis, subpunctulato-striatis, interstitiis sparsim punctulatis.

Long. 4- $4\frac{1}{3}$ lin.

Ladakh.

LONGICORNIA.

PRIONUS CORPULENTUS.

♀ *magna, elongata, nigro-castanea, supra omnino coriacea via nitida; thorace parvo, utrinque acute trispinoso; elytris versus basin parallelis, compressis, deinde modice dilatato-rotundatis, apice late obtusis; pectore toto dense fulvo-hirto; abdomine politissimo; antennis 12-articulatis, grosse punctatis, articulis 3^o-11^{um} serratis.*

Long. 24 lin.

Murree.

HESPEROPHANES CRIBRICOLLIS.

Cylindricus, fulvus, pubescentia incumbente cinereo-fulva apud elytra maculatim vestitus; thorace rotundato, elytris multo angustiore, inaequali, lateribus medio subtuberoso, supra crebre alveolato-punctato; scutello cinereo; elytris omnino discrete punctatis, haud conspicue bicarinatis, apice gradatim angustatis, subacuminatis.

Long. 8-9 lin.

Murree.

TRINOPHYLUM, nov. gen.

Gen. Hesperophani affine, sed femoribus abrupte clavatis, oculisque minus fortiter granulatis. Corpus elongatum, subdepressum, breviter suberecte pubescens, crebre punctatum. Caput brevissimum: tubera antennifera haud elevata; palpis brevissimis. Thorax rotundatus, inermis. Elytra apice obtusa. Acetabula antica extus haud elongata. Prosternum angustum; mesosternum latum, subconvexum; metasterni episterna elongata, angusta, postice attenuata. Antennae filiformes, corpore paullo breviores, articulo 4^{to} paulo abbreviato.

TRINOPHYLUM CRIBRATUM.

Castaneo-fuscum, subnitidum, omnino suberecte fusco-pubescens, crebre sed discrete punctatum; thorace supra antice et postice paullo depresso, linea dorsali lævi; elytris lineis duabus indistinctis, lævibus.

Long. 6½ lin.

Murree.

LEPTURA RUBRIOLÀ.

L. sanguinolentæ (Linn.) affinis. Nigra, subtus sparsim fulvo-pilosa, thoracis plaga magna discoidea elytrisque rufo-opacis; capite et thorace reticulato-punctatis, illo paullo post oculos subito et fortiter constricto; thorace medio haud conspicue dilatato, modice convexo, angulisque posticis modice productis; elytris suberebre punctulatis, apice recte truncatis, angulisque breviter dentatis. ♀.

Long. 6 lin.

Murree.

CLYTANTHUS IGNOBILIS.

Cl. 4-punctato (Fabr.) *proxime affinis*. *Nigro-fuscus, tomento cinereo-flavo vestitus; clytris utrinque maculis 5 nigris, quam in Cl. 4-punctato majoribus, scilicet 1 curvata post scutellum, 1 parva humerali, 1 antico-discoïdali, 1 mediana majore transversa et 1 huic proxima longitudinali oblonga.*

Long. 6 lin.

Murree.

11. On a new Species of *Notauges* (*N. hildebrandti*, Cab.).

By DR. G. HARTLAUB.

[Received June 17, 1878.]

The Museum of Natural History of Bremen has been enriched of late with a fine adult specimen of a new typical *Notauges*, discovered by the famous traveller Mr. Hildebrandt, in Eastern Africa. The exact place where he collected this interesting bird is "Tkanga in Ukamba."

Mas ad. *capite, gutture, dorso, tergo, uropygio, supracaudalibus, tectricibus alarum minoribus margineque alari chalybeis, nitore purpurascente; collo postico late et circumscripte æneo-virescente; alis duabus seriebus macularum holosericeo-nigrarum bifasciatis; tectricibus alarum majoribus viridi-æneis; remigibus primariis in pogonio externo æneo-cærulescentibus, obscure maculatis, interno nigris; tectricibus minoribus in pogonio externo unicoloribus æneo-virentibus; pectore, abdomine, cruribus et subcaudalibus cinnamomeo-rufis; subalaribus majoribus rufis, minoribus chalybeis; rectricibus cærulescenti-æneis, minus distincte undulatis; rostro et pedibus nigris; iride aurantiaco-rubra.*

Long. 19 centim., rostr. a fr. 18 mill., al. 123 mill., caud. 83 mill., tars. 30 mill.

The steel-blue colour of the head is less brilliant on the crown; there appear some rufous feathers on the uropygium; and some of the upper tail-coverts have a slight rufous terminal edging; the first primary is of a uniform blackish colour.

In *Notauges superbus* (Abyssinia, Shoa) the colouring is very different: the upper parts are brown-green, the vent and under tail-coverts are white, and there are other differences.

Mr. Hildebrandt told me that during his many excursions in East Africa he never met with *Notauges albicapillus*, Blyth. This is certainly one of the rarest birds, the Calcutta specimen collected by Speke and Burton being as yet the only one known.